Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6204424").PN.	USPAT	OR	OFF	2005/07/18 07:15
L2	1	("20020137966").PN.	US-PGPUB	OR	OFF	2005/07/18 07:15
L3	1	("20030055279").PN.	US-PGPUB	OR	OFF	2005/07/18 07:16
L4	1	("20030109745").PN.	US-PGPUB	OR	OFF	2005/07/18 07:17
L5	1	("20030125578").PN.	US-PGPUB	OR	OFF	2005/07/18 07:30
L6	579	560/106 OR 560/240	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 07:30
L7	292	L6 AND (ANHYDRIDE OR ANHYDRIDES) AND (ETHER OR ETHERS)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 07:31
L8	231	L7 AND CATALYST	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 07:34
L9	16	L8 AND (POLYOXOMETALATE OR HETEROPOLYACIDS OR HETEROPOLYACID OR SILICOMOLYBDIC OR SILICOTUNGSTIC OR SILICOMOLYBDATE OR SILICOTUNGSTATE OR PHOSPHOTUNGSTATE OR PHOSPHOTUNGSTIC OR PHOSPHOVANADATE OR PHOSPHOVANADIC)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 07:36

EAST SEARCH HISTORY 10/664,307

Connecting via Winsock to STN

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LOGINID:SSSPTA1623ZCT

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
NEWS  2          "Ask CAS" for self-help around the clock
NEWS  3  FEB 28  PATDPAFULL - New display fields provide for legal status
                 data from INPADOC
NEWS  4  FEB 28  BABS - Current-awareness alerts (SDIs) available
NEWS  5  MAR 02  GBFULL: New full-text patent database on STN
NEWS  6  MAR 03  REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS  7  MAR 03  MEDLINE file segment of TOXCENTER reloaded
NEWS  8  MAR 22  KOREAPAT now updated monthly; patent information enhanced
NEWS  9  MAR 22  Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS  10 MAR 22  PATDPASPC - New patent database available
NEWS  11 MAR 22  REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS  12 APR 04  EPFULL enhanced with additional patent information and new
                 fields
NEWS  13 APR 04  EMBASE - Database reloaded and enhanced
NEWS  14 APR 18  New CAS Information Use Policies available online
NEWS  15 APR 25  Patent searching, including current-awareness alerts (SDIs),
                 based on application date in CA/CAplus and USPATFULL/USPAT2
                 may be affected by a change in filing date for U.S.
                 applications.
NEWS  16 APR 28  Improved searching of U.S. Patent Classifications for
                 U.S. patent records in CA/CAplus
NEWS  17 MAY 23  GBFULL enhanced with patent drawing images
NEWS  18 MAY 23  REGISTRY has been enhanced with source information from
                 CHEMCATS
NEWS  19 JUN 06  The Analysis Edition of STN Express with Discover!
                 (Version 8.0 for Windows) now available
NEWS  20 JUN 13  RUSSIAPAT: New full-text patent database on STN
NEWS  21 JUN 13  FRFULL enhanced with patent drawing images
NEWS  22 JUN 27  MARPAT displays enhanced with expanded G-group definitions
                 and text labels
NEWS  23 JUL 01  MEDICONF removed from STN
NEWS  24 JUL 07  STN Patent Forums to be held in July 2005
NEWS  25 JUL 13  SCISEARCH reloaded

NEWS EXPRESS  JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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NEWS WWW      CAS World Wide Web Site (general information)
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FILE 'HOME' ENTERED AT 07:59:47 ON 18 JUL 2005

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.63	0.63

FILE 'REGISTRY' ENTERED AT 08:01:15 ON 18 JUL 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5
DICTIONARY FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information.  *
*                                                                    *
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Crossover limits have been increased. See HELP CROSSOVER for details.

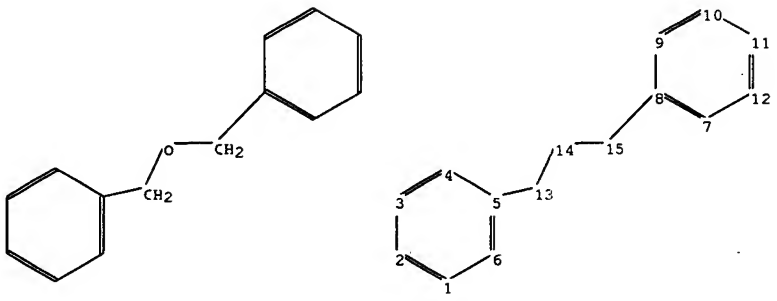
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\OOMS DIBENZYL ESTERS REACTANT.str

STN SEARCH TRANSCRIPT 10/664,307



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chain nodes :
13  14  15
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12
chain bonds :
5-13  8-15  13-14  14-15
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  7-12  8-9  9-10  10-11  11-12
exact bonds :
5-13  8-15  13-14  14-15
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  7-12  8-9  9-10  10-11  11-12
isolated ring systems :
containing 1 : 7 :

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:CLASS  14:CLASS  15:CLASS


L1      STRUCTURE UPLOADED

=> que L1

L2   QUE L1

=> D L2
L2 HAS NO ANSWERS
L1              STR
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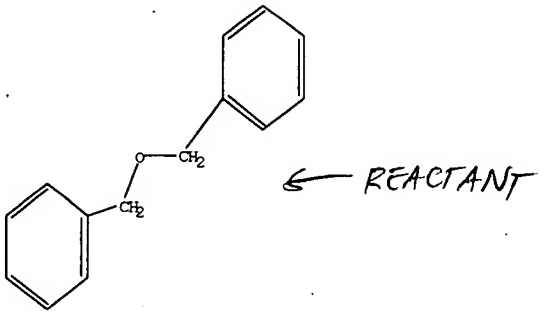


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Structure attributes must be viewed using STN Express query preparation.
L2              QUE  ABB=ON  PLU=ON  L1


=> S L2
SAMPLE SEARCH INITIATED 08:01:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  31773 TO ITERATE

  6.3% PROCESSED     2000 ITERATIONS                                 5 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       624806 TO   646114
PROJECTED ANSWERS:            1054 TO     2122

L3            5 SEA SSS SAM L1

=> S L2 SSS FULL
FULL SEARCH INITIATED 08:01:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 638294 TO ITERATE

100.0% PROCESSED   638294 ITERATIONS                           1562 ANSWERS
SEARCH TIME: 00.00.03

L4         1562 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              161.33     161.96

FILE 'CAPLUS' ENTERED AT 08:01:42 ON 18 JUL 2005
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FILE COVERS 1907 - 18 Jul 2005 VOL 143 ISS 4
FILE LAST UPDATED: 17 Jul 2005 (20050717/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L4/RCT
1889 L4
2751237 RCT/RL
L5 511 L4/RCT
(L4 (L) RCT/RL)

REACTANT "ROLE" IDENTIFIER IN CAPLUS

=> S L5 AND (BENZYL ESTER OR ACID OR LEWIS OR HETEROPOLY? OR POLYOXO? OR ANHYDRIDE)
168374 BENZYL
52 BENZYLS
168396 BENZYL
(BENZYL OR BENZYLS)
563781 ESTER
420249 ESTERS
787260 ESTER
(ESTER OR ESTERS)
10701 BENZYL ESTER
(BENZYL(W)ESTER)
4004121 ACID
1483471 ACIDS
4484112 ACID
(ACID OR ACIDS)
46700 LEWIS
15261 HETEROPOLY?
3038 POLYOXO?
197048 ANHYDRIDE
31497 ANHYDRIDES
207170 ANHYDRIDE
(ANHYDRIDE OR ANHYDRIDES)
L6 215 L5 AND (BENZYL ESTER OR ACID OR LEWIS OR HETEROPOLY? OR POLYOXO? OR ANHYDRIDE)

=> S L6 NOT BENZYL ESTER
168374 BENZYL
52 BENZYLS
168396 BENZYL
(BENZYL OR BENZYLS)
563781 ESTER
420249 ESTERS
787260 ESTER
(ESTER OR ESTERS)
10701 BENZYL ESTER
(BENZYL(W)ESTER)
L7 206 L6 NOT BENZYL ESTER

=> S L6 NOT ACID
4004121 ACID
1483471 ACIDS
4484112 ACID
(ACID OR ACIDS)
L8 10 L6 NOT ACID

CROSS-REF'D. W/ TEXT TERMS

=> D 1-10

L8 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:327786 CAPLUS
DN 143:43669
TI Zirconocene-Mediated and/or Catalyzed Unprecedented Coupling Reactions of Alkoxymethyl-Substituted Styrene Derivatives
AU Ikeuchi, Yutaka; Taguchi, Takeo; Hanzawa, Yuji
CS Sankyo Co. Ltd., Kanagawa, 254-8560, Japan
SO Journal of Organic Chemistry (2005), 70(11), 4354-4359
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:465632 CAPLUS
DN 141:174373
TI Unexpected reductions of glycosyl spacer-armed phthalimides
AU Meng, Xiang-Bao; Li, Hui; Lou, Qing-Hua; Cai, Meng-Shen; Li, Zhong-Jun
CS Department of Chemical Biology, School of Pharmaceutical Sciences, National Research Laboratory of Natural and Biomimetic Drugs, Peking University, Beijing, 100083, Peop. Rep. China
SO Carbohydrate Research (2004), 339(8), 1497-1501
CODEN: CRBRAT; ISSN: 0008-6215
PB Elsevier
DT Journal
LA English
OS CASREACT 141:174373
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:804409 CAPLUS
DN 136:118050
TI FeCl3-adsorbed on montmorillonite K-10: an efficient catalyst for one-pot dealkylation-acetylation of ethers
AU Lakouraj, Mansour; Movassagh, B.; Fasihi, J.
CS Department of Chemistry, Mazandaran University, Baboolsar, 407415/453, Iran
SO Journal of Chemical Research, Synopses (2001), (9), 378-379
CODEN: JRPSDC; ISSN: 0308-2342
PB Science Reviews
DT Journal
LA English
OS CASREACT 136:118050
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:761624 CAPLUS
DN 128:23011
TI Dimethylaluminum hydride composition, process for producing the same and method of reducing viscosity of dimethylaluminum hydride
IN Kajihara, Kazuhisa; Yako, Tadaaki
PA Sumitomo Chemical Company, Ltd., Japan
SO U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 637,904, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5690726	A	19971125	US 1996-764623	19961211
	JP 09012581	A2	19970114	JP 1996-14117	19960130
	GB 2309970	A1	19970813	GB 1997-7230	19960429
	GB 2309970	B2	19980107		
PRAI	JP 1995-106758	A	19950428		
	JP 1996-14117	A	19960130		
	US 1996-637904	B2	19960426		
	GB 1996-8938	A3	19960429		

L8 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1993:603874 CAPLUS
DN 119:203874
TI Preparation of aromatic peptidomimetics
IN Hirschmann, Ralph; Leahy, Ellen; Sprengeler, Paul
PA University of Pennsylvania, USA
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312084	A1	19930624	WO 1992-US10694	19921211
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5250564	A	19931005	US 1991-806048	19911212
PRAI	US 1991-806048	A	19911212		

OS MARPAT 119:203874

L8 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1993:428011 CAPLUS
DN 119:28011
TI 1,2-Dihydro-2-oxopyridines as angiotensin II antagonists
IN Mederski, Werner; Beier, Norbert; Schelling, Pierre; Lues, Ingeborg; Minck, Klaus Otto
PA Merck Patent G.m.b.H., Germany
SO Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 530702	A1	19930310	EP 1992-114738	19920828
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	DE 4129340	A1	19930311	DE 1991-4129340	19910904
	AU 9222055	A1	19930311	AU 1992-22055	19920901
	AU 660321	B2	19950622		
	CA 2077412	AA	19930305	CA 1992-2077412	19920902
	NO 9203434	A	19930305	NO 1992-3434	19920903
	RU 2067975	C1	19961020	RU 1992-5052529	19920903
	ZA 9206733	A	19930310	ZA 1992-6733	19920904
	JP 05194397	A2	19930803	JP 1992-237202	19920904
	HU 64520	A2	19940128	HU 1992-2848	19920904
	ES 2064229	B1	19960301	ES 1992-2251	19921106
	ES 2064229	A1	19950116		
PRAI	DE 1991-4129340	A	19910904		

OS MARPAT 119:28011

L8 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1992:530880 CAPLUS
DN 117:130880
TI Benzyl acetate from dibenzyl ether
AU Ondruschka, B.; Zimmermann, G.; Wallach, D.
CS Bereich Org. Grundst., Zentralinst. Org. Chem., Leipzig, O-7050, Germany
SO Journal fuer Praktische Chemie/Chemiker-Zeitung (1992), 334(3), 281-2
CODEN: JPCCEM; ISSN: 0941-1216
DT Journal
LA German

L8 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:23247 CAPLUS
DN 114:23247
TI Refinement of the composition and reaction routes of peroxides in the autoxidation of dibenzyl ether
AU Voronina, S. G.; Krutskaya, L. V.; Perkel, A. L.; Freidin, B. G.
CS Kuzbass. Politekh. Inst., USSR
SO Zhurnal Prikladnoi Khimii (Sankt-Peterburg, Russian Federation) (1990), 63(6), 1376-83
CODEN: ZPKHAB; ISSN: 0044-4618
DT Journal
LA Russian
OS CASREACT 114:23247

L8 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1989:458184 CAPLUS
DN 111:58184
TI Short synthesis of C-aryl glucopyranosides of the papulacandin type
AU Schmidt, Richard R.; Frick, Wendelin
CS Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.
SO Tetrahedron (1988), 44(23), 7163-9
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English
OS CASREACT 111:58184

L8 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:446771 CAPLUS
DN 85:46771
TI Pyrrolobenzodiazepines
IN Wright, William Blythe, Jr.
PA American Cyanamid Co., USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3947408	A	19760330	US 1974-494657	19740805
PRAI	US 1974-494657	A	19740805		

=> S L7 NOT L8
L9 196 L7 NOT L8

=> D L8 ABS 7

L8 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB High-temperature and -pressure reaction of (PhCH2)2O with Ac2O gave PhCH2OAc. The mechanism and optimization conditions of the reaction are discussed.

=>
Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623ZCT

PASSWORD:
+ + + + + + RECONNECTED TO STN INTERNATIONAL + + + + + +
SESSION RESUMED IN FILE 'CAPLUS' AT 08:11:59 ON 18 JUL 2005
FILE 'CAPLUS' ENTERED AT 08:11:59 ON 18 JUL 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.74	200.70

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

=> D HIS

(FILE 'HOME' ENTERED AT 07:59:47 ON 18 JUL 2005)

FILE 'REGISTRY' ENTERED AT 08:01:15 ON 18 JUL 2005
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 5 S L2
L4 1562 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 08:01:42 ON 18 JUL 2005
L5 511 S L4/RCT
L6 215 S L5 AND (BENZYL ESTER OR ACID OR LEWIS OR HETEROPOLY? OR POLYO
L7 206 S L6 NOT BENZYL ESTER
L8 10 S L6 NOT ACID
L9 196 S L7 NOT L8

=> S L9 AND ANHYDRIDE
197048 ANHYDRIDE
31497 ANHYDRIDES
207170 ANHYDRIDE
(ANHYDRIDE OR ANHYDRIDES)
L10 21 L9 AND ANHYDRIDE

=> D 1-21

L10 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:641912 CAPLUS
DN 141:313882
TI Sulfamic **acid** as a cost-effective catalyst instead of metal-containing **acids** for acetolysis of cyclic ethers
AU Wang, Bo; Gu, Yanlong; Gong, Weizhong; Kang, Yuru; Yang, Liming; Suo, Jishuan
CS State Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou, 730000, Peop. Rep. China
SO Tetrahedron Letters (2004), 45(35), 6599-6602
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
OS CASREACT 141:313882

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:247001 CAPLUS
DN 140:270626
TI Esterification process and catalysts for the preparation of benzyl carboxylate esters from dibenzyl ethers and/or alcohols and carboxylic **acid anhydrides**
IN Ooms, Pieter; Schenke, Bernd-Ulrich
PA Bayer Chemicals A.-G., Germany
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

APPLICANTS

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1400506	A2	20040324	EP 2003-19635	20030905
	EP 1400506	A3	20040407		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	DE 10243200	A1	20040408	DE 2002-10243200	20020918
	US 2004127737	A1	20040701	US 2003-664307	20030917
	JP 2004107348	A2	20040408	JP 2003-326588	20030918
PRAI	DE 2002-10243200	A	20020918		

OS CASREACT 140:270626; MARPAT 140:270626

L10 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:76587 CAPLUS
DN 138:131166
TI Use of trifluoroacetyl alkyl-substituted phenyl derivatives, phenol derivatives, and benzoyl derivatives in the treatment and/or prophylaxis of obesity and accompanying diseases and/or secondary diseases
IN Antel, Jochen; Waldeck, Harald; Potthoff, Andreas; Irmer, Sabine; Gregory, Peter-Colin
PA Solvay Pharmaceuticals GmbH, Germany
SO PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003007923	A2	20030130	WO 2002-EP7782	20020712
	WO 2003007923	A3	20040108		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10135027	A1	20030206	DE 2001-10135027	20010718
	CA 2455483	AA	20030130	CA 2002-2455483	20020712
	EP 1420771	A2	20040526	EP 2002-764680	20020712
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	BR 2002011196	A	20041026	BR 2002-11196	20020712
	JP 2005500329	T2	20050106	JP 2003-513532	20020712
	US 2004214901	A1	20041028	US 2004-758240	20040116

PRAI DE 2001-10135027 A 20010718
WO 2002-EP7782 W 20020712
OS MARPAT 138:131166

L10 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:793403 CAPLUS
DN 137:310931
TI Preparation of phenylalkanoic acid derivatives as preventive or remedial agents for digestive tract diseases
IN Horizoe, Tatsuo; Shinoda, Masanobu; Emori, Eita; Matsuura, Fumiyoshi; Kaneko, Toshihiko; Ohi, Norihito; Kasai, Shunji; Yoshitomi, Hideki; Yamazaki, Kazuto; Miyashita, Sadakazu; Hihara, Taro; Seiki, Takashi; Clark, Richard; Harada, Hitoshi
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 344 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002080899	A1	20021017	WO 2002-JP3006	20020327
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI JP 2001-101465	A	20010330		
JP 2001-105131	A	20010403		

OS MARPAT 137:310931
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:695962 CAPLUS
DN 137:232680
TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use as radiosensitizers and chemosensitizers for treating diseases and conditions related to DNA damage or lesions in DNA replication
IN Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph; Cook, Adam Wade; Cowen, Scott Douglas; Burgess, Laurence Edward
PA Icos Corporation, USA
SO PCT Int. Appl., 236 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002070494	A1	20020912	WO 2002-US6452	20020301
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2439709	AA	20020912	CA 2002-2439709	20020301
US 2003069284	A1	20030410	US 2002-87715	20020301
EP 1379510	A1	20040114	EP 2002-728396	20020301
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004523568	T2	20040805	JP 2002-569814	20020301
BR 2002007811	A	20050201	BR 2002-7811	20020301
ZA 2003006721	A	20040503	ZA 2003-6721	20030828
NO 2003003858	A	20031010	NO 2003-3858	20030901
PRAI US 2001-273124P	P	20010302		
WO 2002-US6452	W	20020301		

OS MARPAT 137:232680
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:171866 CAPLUS
DN 136:232313
TI Preparation of pyrimidine derivatives as G protein-coupled receptor kinase (GRK) inhibitors
IN Fukumoto, Shoji; Watanabe, Toshifumi; Ikeda, Shota
PA Takeda Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 322 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002018350	A1	20020307	WO 2001-JP7397	20010829
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001082520	A5	20020313	AU 2001-82520	20010829
JP 2002145778	A2	20020522	JP 2001-259683	20010829
PRAI JP 2000-264499	A	20000829		
WO 2001-JP7397	W	20010829		

OS MARPAT 136:232313
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:557262 CAPLUS
DN 135:273314
TI Preparation and characterization of some new unsaturated polyesters based on 3,6-bis(methoxymethyl)durene
AU Tawfik, S. Y.
CS Department of Polymers and Pigments, National Research Center, Giza, Egypt
SO Journal of Applied Polymer Science (2001), 81(14), 3388-3398
CODEN: JAPNAB; ISSN: 0021-8995
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:545697 CAPLUS

DN 135:137633
TI Preparation of saframycin-ecteinascidin analogs and their therapeutic applications
IN Danishefsky, Samuel J.; Zhou, Bishan
PA The Trustees of Columbia University in the City of New York, USA
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053299	A1	20010726	WO 2001-US1877	20010119
	WO 2001053299	C2	20021024		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2397597	AA	20010726	CA 2001-2397597	20010119
	US 2002025962	A1	20020228	US 2001-765515	20010119
	US 6686470	B2	20040203		
	EP 1254140	A1	20021106	EP 2001-903151	20010119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003520801	T2	20030708	JP 2001-553773	20010119
	US 2004127709	A1	20040701	US 2003-728580	20031205
PRAI	US 2000-177071P	P	20000119		
	US 2001-765515	A3	20010119		
	WO 2001-US1877	W	20010119		

OS MARPAT 135:137633
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:294959 CAPLUS
DN 134:311107
TI Preparation of 1,3-dioxoisoindole-5-carboxanilides as inhibitors of purine salvage phosphoribosyltransferases
IN Aronov, Alex M.; Munagala, Narsimha R.; Ortiz de Montellano, Paul R.; Kuntz, Irwin D.; Wang, Ching C.
PA Regents of the University of California, USA
SO U.S., 15 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6221877	B1	20010424	US 2000-547531	20000412
PRAI	US 2000-547531		20000412		

OS MARPAT 134:311107
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:354476 CAPLUS
DN 131:18840
TI Preparation of biphenylamidine derivatives as factor Xa inhibitors
IN Takano, Yasunobu; Nakada, Tomohisa; Hara, Takayuki; Sugiura, Satoshi; Tsutsumi, Takaharu; Takarada, Reiko; Takazawa, Yoshiharu
PA Teijin Limited, Japan
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9926919	A1	19990603	WO 1998-JP5210	19981119
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2310330	AA	19990603	CA 1998-2310330	19981119
	AU 9911741	A1	19990615	AU 1999-11741	19981119
	AU 736112	B2	20010726		
	EP 1043311	A1	20001011	EP 1998-954748	19981119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	NZ 504324	A	20020201	NZ 1998-504324	19981119
	US 6348478	B1	20020219	US 2000-554449	20000515
	NO 2000002588	A	20000626	NO 2000-2588	20000519
PRAI	JP 1997-319696	A	19971120		
	WO 1998-JP5210	W	19981119		

OS MARPAT 131:18840
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:325899 CAPLUS
DN 130:337922
TI Preparation of carbamimidoylarylamides with inhibition of tryptase activity
IN Burgess, Laurence; Rizzi, James P.
PA Array Biopharma, Inc., USA
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9924395	A1	19990520	WO 1998-US23361	19981103
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6221914	B1	20010424	US 1998-179781	19981027
	AU 9913012	A1	19990531	AU 1999-13012	19981103
	ZA 9810046	A	19991103	ZA 1998-10046	19981103
PRAI	US 1997-65026P	P	19971110		
	US 1998-179781	A	19981027		
	WO 1998-US23361	W	19981103		

OS CASREACT 130:337922; MARPAT 130:337922
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:218623 CAPLUS
DN 126:212048
TI Substituted aromatic compounds and their pharmaceutical use as inhibitors of TNF and PDE IV.
IN Aldous, David John; Smith, Graham Frank; Astles, Peter Charles; Pickett, Stephen Dennis; McLay, Iain McFarlane; Stuttle, Keith Alfred James; Ratcliffe, Andrew James; et al.
PA Rhone-Poulenc Rorer Limited, UK
SO PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9703967	A1	19970206	WO 1996-GB1746	19960722
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM				
	AU 9665268	A1	19970218	AU 1996-65268	19960722
PRAI	GB 1995-15058	A	19950722		
	GB 1995-15729	A	19950801		
	GB 1996-4531	A	19960302		
	US 1996-14212P	P	19960327		
	WO 1996-GB1746	W	19960722		

OS MARPAT 126:212048

L10 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:616040 CAPLUS
DN 125:328557
TI Polymer- and dendrimer-bound Ti-TADDOLates in catalytic (and stoichiometric) enantioselective reactions. Are pentacoordinate cationic Ti complexes the catalytically active species?
AU Seebach, Dieter; Marti, Roger E.; Hintermann, Tobias
CS Laboratorium Organische Chem., Eidgenoessische Technische Hochschule, Zurich, CH-8092, Switz.
SO Helvetica Chimica Acta (1996), 79(6), 1710-1740
CODEN: HCACAV; ISSN: 0018-019X
PB Verlag Helvetica Chimica Acta
DT Journal
LA English
OS CASREACT 125:328557

L10 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:261301 CAPLUS
DN 123:83998
TI Preparation of α-[2-(alkyl)phenyl]-2-aminoalkanoic acids as antagonists of excitatory amino acid receptors
IN Hamilton, Gregory S.
PA Guilford Pharmaceuticals Inc., USA
SO U.S., 15 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5364876	A	19941115	US 1992-984452	19921202
PRAI	US 1992-984452		19921202		

OS MARPAT 123:83998

L10 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:655405 CAPLUS
DN 121:255405
TI Catechol diethers as selective phosphodiesterase IV inhibitors
IN Duplantier, Allen J.; Eggler, James F.; Marfat, Anthony; Masamune, Hiroko
PA Pfizer Inc., USA
SO PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9412461	A1	19940609	WO 1993-US10228	19931029
	W: AU, BR, CA, CZ, JP, KR, NO, NZ, PL, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2150812	AA	19940609	CA 1993-2150812	19931029
	CA 2150812	C	20021224		
	CA 2400368	AA	19940609	CA 1993-2400368	19931029
	AU 9455396	A1	19940622	AU 1994-55396	19931029
	AU 673569	B2	19961114		
	EP 672031	A1	19950920	EP 1994-900390	19931029
	EP 672031	B1	20030312		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08501318	T2	19960213	JP 1994-513129	19931029
	JP 3100984	B2	20001023		
	BR 9307570	A	19990525	BR 1993-7570	19931029
	AT 234270	E	20030315	AT 1994-900390	19931029
	PT 672031	T	20030630	PT 1994-900390	19931029
	ES 2192192	T3	20031001	ES 1994-900390	19931029
	IL 107758	A1	19971120	IL 1993-107758	19931125
	FI 9305379	A	19940603	FI 1993-5379	19931201
	ZA 9308978	A	19950601	ZA 1993-8978	19931201
	HU 65928	A2	19940728	HU 1993-3423	19931202
	CN 1094028	A	19941026	CN 1993-112776	19931202
	NO 9502178	A	19950801	NO 1995-2178	19950601
	US 5814651	A	19980929	US 1997-872686	19970610
PRAI	US 1992-984408	A	19921202		
	CA 1993-2150812	A3	19931029		
	WO 1993-US10228	W	19931029		
	US 1993-142328	B3	19931126		

OS MARPAT 121:255405

L10 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:449116 CAPLUS
DN 115:49116
TI Catalyst-free esterification of carboxylic anhydrides with ethers under pressure
IN Wallach, Dagobert; Ondruschka, Bernd; Zimmermann, Gerhard; Anders, Klaus; Vorwerk, Doris
PA Akademie der Wissenschaften der DDR, Germany
SO Ger. (East), 3 pp.
CODEN: GEXXA8
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 286576	A5	19910131	DD 1989-330239	19890630
PRAI	DD 1989-330239		19890630		

OS CASREACT 115:49116

L10 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:631765 CAPLUS
DN 113:231765
TI Improved procedure for the cleavage of alkyl and benzyl ethers with zinc iodide
AU Benedetti, M. O. Violeta; Monteagudo, Edith S.; Burton, Gerardo
CS Fac. Cienc. Exactas Nat., Univ. Buenos Aires, Buenos Aires, 1428, Argent.
SO Journal of Chemical Research, Synopses (1990), (8), 248-9
CODEN: JRPSDC; ISSN: 0308-2342
DT Journal
LA English
OS CASREACT 113:231765

L10 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:197375 CAPLUS
DN 112:197375
TI Cooxidation reactions during oxidations of superoxide with polyhalides, carbon dioxide, phosphates, and acyl halides
AU Nagano, Tetsuo; Yamamoto, Hiroshi; Hirobe, Masaaki
CS Fac. Pharm. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Journal of the American Chemical Society (1990), 112(9), 3529-35
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L10 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1989:192424 CAPLUS
DN 110:192424
TI Method of producing diphenyl methane
IN Shakhnazaryan, G. M.; Sagatelyan, S. A.; Nersisyan, G. G.; Aslanyan, M. G.
PA All-Union Scientific-Research Institute of Chemical Reagents and Pure Chemical Substances, Erevan, USSR
SO U.S.S.R.
From: Otkrytiya, Izobret. 1988, (35), 94.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1425184	A1	19880923	SU 1986-4100460	19860730
PRAI	SU 1986-4100460		19860730		

OS CASREACT 110:192424

L10 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1988:7893 CAPLUS
DN 108:7893
TI Highly active and selective rhodium carbonylation catalyst systems with iodide promoters
IN Paulik, Frank E.; Hershman, Arnold; Knox, Walter R.; Roth, James F.
PA Monsanto Co., USA
SO U.S., 23 pp. Cont.-in-part of U.S. Ser. No. 248,777, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4690912	A	19870901	US 1983-541845	19831014
	CS 187303	P	19790131	CS 1968-2507	19680403
	SE 364255	B	19740218	SE 1968-4530	19680404
	BE 713296	A	19681007	BE 1968-713296	19680405
	NL 6804850	A	19681007	NL 1968-4850	19680405
	FR 1573131	A	19690704	FR 1968-1573131	19680405
	ES 352431	A1	19691216	ES 1968-352431	19680405
	GB 1233121	A	19710526	GB 1968-1233121	19680405
	GB 1233122	A	19710526	GB 1968-1233122	19680405
	AT 295487	B	19720110	AT 1968-3371	19680405
	BR 6898142	A0	19730612	BR 1968-198142	19680405
	SU 453824	D	19741215	SU 1968-1230615	19680405
	PL 79864	P	19750830	PL 1968-126252	19680405
	DE 1767151	C3	19791025	DE 1967-1767151	19680405
	DE 1767151	B2	19790301		
	US 3769329	A	19731030	US 1970-2413	19700312
	US 3769326	A	19731030	US 1971-128519	19710326
	US 3813428	A	19740528	US 1972-263332	19720615
	US 4792620	A	19881220	US 1987-21384	19870303
	US 5003104	A	19910326	US 1988-265234	19881031
PRAI	US 1967-628581	A2	19670405		
	US 1968-701637	A2	19680130		
	US 1968-752794	A1	19680815		
	US 1970-2377	A1	19700112		
	US 1970-2413	A2	19700312		
	US 1971-128519	A2	19710326		
	US 1972-263332	A2	19720615		
	US 1973-391103	A1	19730827		
	US 1977-824577	A2	19770815		
	US 1981-248777	A2	19810330		
	US 1967-628578	A2	19670405		
	US 1968-701636	A	19680130		
	US 1968-701638	A	19680130		
	US 1968-701639	A	19680130		
	US 1983-541845	A3	19831014		
	US 1987-21384	A1	19870303		

OS CASREACT 108:7893

L10 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:124300 CAPLUS
DN 78:124300
TI Cleavage of ethers by means of mixed sulfonic-carboxylic **anhydrides** and new mixed esters obtained
IN Mazur, Yehuda; Karger, Michael
PA Yeda Research and Development Co., Ltd.
SO Israeli, 22 pp.
CODEN: ISXXAQ
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	IL 29873	A1	19730130	IL 1968-29873	19680423
PRAI	IL 1968-29873	A	19680423		

=> D ABS 17

L10 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2005 ACS on STN
AB ZnI2 in the presence of acylating agents, e.g., **acid** chlorides and **anhydrides**, cleaved alkyl and benzyl ethers under mild conditions. The reaction proceeded with retention of configuration for 3β-methoxypregn-5-en-20-one with ZnI2-Ac2O giving 81% 3β-acetoxypregn-5-en-20-one.

=> LOG HOLD
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION

```
FULL ESTIMATED COST                                  67.98     229.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                    ENTRY     SESSION
CA SUBSCRIBER PRICE                                 -1.46      -1.46

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SESSION RESUMED IN FILE 'CAPLUS' AT 08:28:20 ON 18 JUL 2005
FILE 'CAPLUS' ENTERED AT 08:28:20 ON 18 JUL 2005
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COST IN U.S. DOLLARS                             SINCE FILE      TOTAL
                                                    ENTRY     SESSION
FULL ESTIMATED COST                                 68.43     230.39

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                    ENTRY     SESSION
CA SUBSCRIBER PRICE                                 -1.46      -1.46

=> S REACTION AND MECHANISM AND ETHER AND ESTER AND ANHYDRIDE
       2817989 REACTION
       2032772 REACTIONS
       3768550 REACTION
                 (REACTION OR REACTIONS)
       1181171 MECHANISM
        531614 MECHANISMS
       1578910 MECHANISM
                 (MECHANISM OR MECHANISMS)
        463468 ETHER
        142401 ETHERS
        522059 ETHER
                 (ETHER OR ETHERS)
        563781 ESTER
        420249 ESTERS
        787260 ESTER
                 (ESTER OR ESTERS)
        197048 ANHYDRIDE
         31497 ANHYDRIDES
        207170 ANHYDRIDE
                 (ANHYDRIDE OR ANHYDRIDES)
L11        264 REACTION AND MECHANISM AND ETHER AND ESTER AND ANHYDRIDE

=> S L11 AND BENZYL ADJ ACETATE
        168374 BENZYL
            52 BENZYLS
        168396 BENZYL
                 (BENZYL OR BENZYLS)
           226 ADJ
        491410 ACETATE
         27528 ACETATES
        502647 ACETATE
                 (ACETATE OR ACETATES)
             0 BENZYL ADJ ACETATE
                 (BENZYL(W)ADJ(W)ACETATE)
L12          0 L11 AND BENZYL ADJ ACETATE

=> FILE CAPLUS
COST IN U.S. DOLLARS                             SINCE FILE      TOTAL
                                                    ENTRY     SESSION
FULL ESTIMATED COST                                 84.00     245.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                    ENTRY     SESSION
CA SUBSCRIBER PRICE                                 -1.46      -1.46

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FILE COVERS 1907 - 18 Jul 2005  VOL 143 ISS 4
FILE LAST UPDATED: 17 Jul 2005  (20050717/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> S ACETIC ANHYDRIDE/CN
  REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



L14       16740 L13

=> FILE REG
COST IN U.S. DOLLARS                             SINCE FILE      TOTAL
                                                    ENTRY     SESSION
FULL ESTIMATED COST                                  0.45     251.89

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                    ENTRY     SESSION
CA SUBSCRIBER PRICE                                  0.00      -1.46

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5
DICTIONARY FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> S ACETIC ANHYDRIDE/CN
L15             1 ACETIC ANHYDRIDE/CN

=> S BENZYL ACETATE/CN
L16             1 BENZYL ACETATE/CN

=> S DIBENZYL ETHER/CN
L17             1 DIBENZYL ETHER/CN

=> FILE CAPLUS
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                14.23     266.12

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -1.46

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FILE COVERS 1907 - 18 Jul 2005 VOL 143 ISS 4

FILE LAST UPDATED: 17 Jul 2005 (20050717/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> S L15 AND L16 AND L17
         16740 L15
          2620 L16
          1104 L17
L18         11 L15 AND L16 AND L17

=> D 1-11

L18  ANSWER 1 OF 11  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2004:641912  CAPLUS
DN   141:313882
TI   Sulfamic acid as a cost-effective catalyst instead of metal-containing
     acids for acetolysis of cyclic ethers
AU   Wang, Bo; Gu, Yanlong; Gong, Weizhong; Kang, Yuru; Yang, Liming; Suo,
     Jishuan
CS   State Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou
     Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou,
     730000, Peop. Rep. China
SO   Tetrahedron Letters (2004), 45(35), 6599-6602
     CODEN: TELEAY; ISSN: 0040-4039
PB   Elsevier
DT   Journal
LA   English
OS   CASREACT 141:313882
RE.CNT  10     THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18  ANSWER 2 OF 11  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2004:247001  CAPLUS
DN   140:270626
TI   Esterification process and catalysts for the preparation of benzyl
     carboxylate esters from dibenzyl ethers and/or alcohols and carboxylic
     acid anhydrides
IN   Ooms, Pieter; Schenke, Bernd-Ulrich
PA   Bayer Chemicals A.-G., Germany
SO   Eur. Pat. Appl., 11 pp.
     CODEN: EPXXDW
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
PI   EP 1400506          A2     20040324    EP 2003-19635          20030905
     EP 1400506          A3     20040407
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     DE 10243200         A1     20040408    DE 2002-10243200       20020918
     US 2004127737       A1     20040701    US 2003-664307         20030917
     JP 2004107348       A2     20040408    JP 2003-326588         20030918
PRAI DE 2002-10243200    A      20020918
OS   CASREACT 140:270626; MARPAT 140:270626

L18  ANSWER 3 OF 11  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2002:185052  CAPLUS
DN   136:233896
TI   Manufacture of carboxylic acid benzyl esters from dibenzyl ethers
IN   Ooms, Pieter; Schenke, Bernd-Ulrich
```

PA Bayer Aktiengesellschaft, Germany
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002020455	A1	20020314	WO 2001-EP9677	20010822
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10043431	A1	20020321	DE 2000-10043431	20000904
AU 2001082114	A5	20020322	AU 2001-82114	20010822
EP 1328500	A1	20030723	EP 2001-960694	20010822
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004508346	T2	20040318	JP 2002-525080	20010822
US 2002137966	A1	20020926	US 2001-945425	20010831
US 6555703	B2	20030429		
PRAI DE 2000-10043431	A	20000904		
WO 2001-EP9677	W	20010822		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:804409 CAPLUS
DN 136:118050
TI FeCl3-adsorbed on montmorillonite K-10: an efficient catalyst for one-pot dealkylation-acetylation of ethers
AU Lakouraj, Mansour; Movassagh, B.; Fasihi, J.
CS Department of Chemistry, Mazandaran University, Baboolsar, 407415/453, Iran
SO Journal of Chemical Research, Synopses (2001), (9), 378-379
CODEN: JRPSDC; ISSN: 0308-2342
PB Science Reviews
DT Journal
LA English
OS CASREACT 136:118050
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:730678 CAPLUS
DN 135:272752
TI Method for producing carboxylate benzyl esters from the reaction of dibenzyl ether with carboxylic acids or precursors in the presence of acid catalysts
IN Ooms, Pieter; Jansen, Ursula; Schenke, Bernd-Ulrich
PA Bayer Aktiengesellschaft, Germany
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001072682	A1	20011004	WO 2001-EP3141	20010319
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10015659	A1	20011004	DE 2000-10015659	20000329
EP 1268391	A1	20030102	EP 2001-917097	20010319
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003528843	T2	20030930	JP 2001-570597	20010319
US 2003125578	A1	20030703	US 2002-239718	20020925
US 6800780	B2	20041005		
PRAI DE 2000-10015659	A	20000329		
WO 2001-EP3141	W	20010319		

OS CASREACT 135:272752
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1992:530880 CAPLUS
DN 117:130880
TI Benzyl acetate from dibenzyl ether
AU Ondruschka, B.; Zimmermann, G.; Wallach, D.
CS Bereich Org. Grundst., Zentralinst. Org. Chem., Leipzig, O-7050, Germany
SO Journal fuer Praktische Chemie/Chemiker-Zeitung (1992), 334(3), 281-2
CODEN: JPCCEM; ISSN: 0941-1216
DT Journal
LA German

L18 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:449116 CAPLUS
DN 115:49116
TI Catalyst-free esterification of carboxylic anhydrides with ethers under pressure
IN Wallach, Dagobert; Ondruschka, Bernd; Zimmermann, Gerhard; Anders, Klaus; Vorwerk, Doris
PA Akademie der Wissenschaften der DDR, Germany
SO Ger. (East), 3 pp.
CODEN: GEXXA8
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DD 286576	A5	19910131	DD 1989-330239	19890630
PRAI DD 1989-330239		19890630		

OS CASREACT 115:49116

L18 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:228550 CAPLUS
DN 114:228550
TI Preparation of benzyl acetate from by-products of perfume manufacture by esterification of dibenzyl ether with acetic anhydride
IN Wallach, Dagobert; Ondruschka, Bernd; Zimmermann, Gerhard; Anders, Klaus
PA Akademie der Wissenschaften der DDR, Germany
SO Ger. (East), 3 pp.
CODEN: GEXXA8
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 286577	A5	19910131	DD 1989-330240	19890630
PRAI	DD 1989-330240		19890630		
OS	CASREACT 114:228550				

L18 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:141786 CAPLUS
DN 102:141786
TI Solvent polarity parameters and their mutual interrelations
AU Stolarova, Marie; Buchtova, Marie; Bekarek, Vojtech
CS Inst. Anal. Org. Chem., Fac. Nat. Sci., Olomouc, 77146, Czech.
SO Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium (1984), 79(Chem. 23), 77-88
CODEN: AUONAD; ISSN: 0472-9005
DT Journal
LA English

L18 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1982:122314 CAPLUS
DN 96:122314
TI Acylative cleavage of ethers catalyzed by triorganotin halides and palladium(II) complexes
AU Pri-Bar, I.; Stille, J. K.
CS Dep. Chem., Colorado State Univ., Fort Collins, CO, 80523, USA
SO Journal of Organic Chemistry (1982), 47(7), 1215-20
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 96:122314

← OF INTERST, BUT ONLY TEACHES AcCl, NOT $(AcO)_2$

L18 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:124300 CAPLUS
DN 78:124300
TI Cleavage of ethers by means of mixed sulfonic-carboxylic anhydrides and new mixed esters obtained
IN Mazur, Yehuda; Karger, Michael
PA Yeda Research and Development Co., Ltd.
SO Israeli, 22 pp.
CODEN: ISXXAQ
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	IL 29873	A1	19730130	IL 1968-29873	19680423
PRAI	IL 1968-29873	A	19680423		

=> D ABS 11

L18 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AB Sulfonic-carboxylic anhydrides were prepared and used for the cleavage of ethers. Thus acetyl p-toluenesulfonate (I) was prepared (97.5%) by the reaction of p-toluenesulfonic acid and excess AcCl. A mixture of crude I, MeCN, and excess Bu2O was refluxed to give 50% Bu tosylate and some BuOAc. Iso-Pr2O, (phCH2)2O (to 50% PhCH2OAc and 30% benzyl tosylate), THF [to 73% AcO(CH2)4O3SC6H4Mep], 2-methyltetrahydrofuran [to 95% AcO(CH2)3CHMeO3SC6H4Me-p) and dioxane [to 87% AcO(CH2)2O(CH2)2O3SC6H4Me-p} were cleared analogously. Propionyl p-toluenesulfonate was prepared and used similarly.

=> D ABS 7-8

L18 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AB A process for the preparation of carboxylate esters from cyclic or acyclic ethers comprises treatment with aliphatic or aromatic carboxylic anhydrides in a
3:1-1:1 ratio at 450-630 K at 0.1-20 mPA in a reaction zone. The process produces esters free of catalysts. PhCH2OMe (0.3 mol) and Ac2O (0.3 mol) were contacted in a reaction zone at 573 K and 6.5 MPa initial hydrogen pressure for 20 min; the selectivity toward formation of MeCO2CH2Ph was 42% and toward formation of MeCO2Me 31%; conversion was 50%. Heating PhCH2OMe (0.3 mol) and Ac2O (0.3 mol) at reflux for 23 h gave a conversion of 2.1% and a selectivity toward MeCO2CH2Ph and MeCO2Me of 10% and 8%, resp.

L18 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
AB A process for the preparation of MeCO2CH2Ph from a byproduct of perfume manufacture
comprises the treatment of (PhCH2)2O with Ac2O in a 3:1-1:1 ratio at 450-630K and 0.1-2.0 MPa for 1-200 min in a reaction zone and isolation of MeCO2CH2Ph. A mixture of (PhCH2)2O (0.3 mol) and Ac2O (0.3 mol) was heated to 573 K at 20 MPa for 20 min to give MeCO2CH2Ph with a 79% selectivity at 51% conversion of starting materials. The reaction of equimolar amts. of (PhCH2)2O and Ac2O at reflux for 25 h gave MeCO2CH2Ph with 10% selectivity after conversion of 1.4% of starting materials.

=> LOGOFF
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	22.60	288.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.19	-3.65

STN INTERNATIONAL LOGOFF AT 08:37:23 ON 18 JUL 2005